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Patent claims:

1. A process for preparing colored polyacetal compositions with reduced formaldehyde emission, which comprises preparing a polyacetal copolymer essentially consisting of oxymethylene units and oxyethylene units, using trifluoromethanesulfonic acid and/or a derivative of trifluoromethanesulfonic acid as initiator, mixing the polyacetal copolymer with at least one colorant selected from one or more of the groups consisting of white pigments, black pigments, and color pigments, and obtaining a colored polyacetal molding composition whose emission of formaldehyde is lower than from a molding composition for which the polyacetal copolymer was prepared using a Lewis acid as initiator.
- 15 2. The process as claimed in claim 1, wherein the colored polyacetal molding composition comprises from 0.1 to 3.0% by weight of colorants.
- 20 3. The process as claimed in claim 1 or 2, wherein at least one further step of the process is used to provide the colorants with a coating of an alkali metal salt of a fatty acid having at least 12 carbon atoms.
- 25 4. The process as claimed in one or more of claims 1 to 3, where the formaldehyde emission determined to VDA 275 is not more than 60%, in particular less than 50%, of the formaldehyde emission from a colored polyacetal molding composition for which the polyacetal copolymer was prepared using boron trifluoride as initiator.
- 30 5. A process for reducing the formaldehyde emission of colored molding compositions made from polyacetal copolymer, which comprises preparing a polyacetal copolymer essentially consisting of oxymethylene units and oxyethylene units, using trifluoromethanesulfonic acid and/or a derivative of trifluoromethanesulfonic acid as initiator, mixing the polyacetal copolymer with at least one colorant selected from one or more of the groups consisting of white pigments, black pigments, and color pigments, and obtaining a colored polyacetal molding composition

whose emission of formaldehyde is lower than from a molding composition for which the polyacetal copolymer was prepared using a Lewis acid as initiator.

5 6. The use of a polyacetal copolymer for preparing low-emission, colored molding compositions and moldings, wherein the polyacetal copolymer essentially consists of oxymethylene units and oxyethylene units and has been prepared using trifluoromethanesulfonic acid and/or a derivative of trifluoromethanesulfonic acid as initiator, and the polyacetal copolymer is mixed with at least one colorant selected from one or more of the groups consisting of white pigments, black pigments, and color pigments, and the emission of formaldehyde from the colored polacetal molding composition is lower than from a molding composition for which the polyacetal copolymer was prepared using a Lewis acid as initiator.

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